



RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/696,255

Source: IFNO

Date Processed by STIC: 11/10/03

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 703-308-4212; FAX: 703-308-4221

Effective 12/13/03: TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkr41note.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry directly to (EFFECTIVE 12/01/03):
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 10/08/03



IFWO

RAW SEQUENCE LISTING

DATE: 11/10/2003

PATENT APPLICATION: US/10/696,255

TIME: 10:42:59

Input Set : A:\D6454CIPSEQ.txt

Output Set: N:\CRF4\11102003\J696255.raw

2 <110> APPLICANT: Kline, Kimberly
 3 Sanders, Bob G.
 4 Yu, Weiping
 6 <120> TITLE OF INVENTION: Mutant p53 Proteins And Uses Thereof
 8 <130> FILE REFERENCE: D6454CIP
C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/696,255
 11 <141> CURRENT FILING DATE: 2003-10-29
 12 <150> PRIOR APPLICATION NUMBER: US 10/444,287
 13 <151> PRIOR FILING DATE: 2003-05-23
 15 <160> NUMBER OF SEQ ID NOS: 9

p. 1-4
**Does Not Comply
 Corrected Diskette Needed**

ERRORED SEQUENCES

173 <210> SEQ ID NO: 7
 174 <211> LENGTH: 393 *-392 shown*
 175 <212> TYPE: PRT
 176 <213> ORGANISM: Homo sapiens
 178 <220> FEATURE:
 180 <221> NAME/KEY: PEPTIDE
 181 <223> OTHER INFORMATION: wild-type p53
 183 <400> SEQUENCE: 7
 184 Met Glu Glu Pro Gln Ser Asp Pro Ser Val Glu Pro Pro Leu Ser
 185 5 10 15
 186 Gln Glu Thr Phe Ser Asp Leu Trp Lys Leu Pro Glu Asn Asn
 187 20 25 30
 188 Val Leu Ser Pro Leu Pro Ser Gln Ala Met Asp Asp Leu Met Leu
 189 35 40 45
 190 Ser Pro Asp Asp Ile Glu Gln Trp Phe Thr Glu Asp Pro Gly Pro
 191 50 55 60
 192 Asp Glu Ala Pro Arg Met Pro Glu Ala Ala Pro Pro Val Ala Pro
 193 65 70 75
 194 Ala Pro Ala Ala Pro Thr Pro Ala Ala Pro Ala Pro Ala Pro Ser
 195 80 85 90
 196 Trp Pro Leu Ser Ser Ser Val Pro Ser Gln Lys Thr Tyr Gln Gly
 197 95 100 105
 198 Ser Tyr Gly Phe Arg Leu Gly Phe Leu Ser Gly Thr Ala Lys
E--> 199 110 115 120
 200 Ser Val Thr Cys Thr Tyr Ser Pro Ala Leu Asn Lys Met Phe Cys
E--> 201 125 130 135
 202 Gln Leu Ala Lys Thr Cys Pro Val Gln Leu Trp Val Asp Ser Thr
E--> 203 140 145 150
 204 Pro Pro Pro Gly Thr Arg Val Arg Ala Met Ala Ile Tyr Lys Gln

missing Amino Acid

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E--> 205 155 160 165
 206 Ser Gln His Met Thr Glu Val Val Arg Arg Cys Pro His His Glu
 E--> 207 170 175 180
 208 Arg Cys Ser Asp Ser Asp Gly Leu Ala Pro Pro Gln His Leu Ile
 E--> 209 185 190 195
 210 Arg Val Glu Gly Asn Leu Arg Val Glu Tyr Leu Asp Asp Arg Asn
 E--> 211 200 205 210
 212 Thr Phe Arg His Ser Val Val Val Pro Tyr Glu Pro Pro Glu Val
 E--> 213 215 220 225
 214 Gly Ser Asp Cys Thr Thr Ile His Tyr Asn Tyr Met Cys Asn Ser
 E--> 215 230 235 240
 216 Ser Cys Met Gly Gly Met Asn Arg Arg Pro Ile Leu Thr Ile Ile
 E--> 217 245 250 255
 218 Thr Leu Glu Asp Ser Ser Gly Asn Leu Leu Gly Arg Asn Ser Phe
 E--> 219 260 265 270
 220 Glu Val Arg Val Cys Ala Cys Pro Gly Arg Asp Arg Arg Thr Glu
 E--> 221 275 280 285
 222 Glu Glu Asn Leu Arg Lys Lys Gly Glu Pro His His Glu Leu Pro
 E--> 223 290 295 300
 224 Pro Gly Ser Thr Lys Arg Ala Leu Pro Asn Asn Thr Ser Ser Ser
 E--> 225 305 310 315
 226 Pro Gln Pro Lys Lys Lys Pro Leu Asp Gly Glu Tyr Phe Thr Leu
 E--> 227 320 325 330
 228 Gln Ile Arg Gly Arg Glu Arg Phe Glu Met Phe Arg Glu Leu Asn
 E--> 229 335 340 345
 230 Glu Ala Leu Glu Leu Lys Asp Ala Gln Ala Gly Lys Glu Pro Gly
 E--> 231 350 355 360
 232 Gly Ser Arg Ala His Ser Ser His Leu Lys Ser Lys Lys Gly Gln
 E--> 233 365 370 375
 234 Ser Thr Ser Arg His Lys Lys Leu Met Phe Lys Thr Glu Gly Pro
 E--> 235 380 385 390
 236 Asp Ser Asp
 E--> 237 393

239 <210> SEQ ID NO: 8

240 <211> LENGTH: 359

241 <212> TYPE: PRT

242 <213> ORGANISM: Homo sapiens

244 <220> FEATURE:

246 <221> NAME/KEY: PEPTIDE

247 <223> OTHER INFORMATION: p53 double mutant (?126-132+?367-393)

249 <400> SEQUENCE: 8

250 Met Glu Glu Pro Gln Ser Asp Pro Ser Val Glu Pro Pro Leu Ser

251 5 10 15

252 Gln Glu Thr Phe Ser Asp Leu Trp Lys Leu Leu Pro Glu Asn Asn

253 20 25 30

254 Val Leu Ser Pro Leu Pro Ser Gln Ala Met Asp Asp Leu Met Leu

255 35 40 45

256 Ser Pro Asp Asp Ile Glu Gln Trp Phe Thr Glu Asp Pro Gly Pro

257 50 55 60

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PATENT APPLICATION: US/10/696,255

DATE: 11/10/2003

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Input Set : A:\D6454CIPSEQ.txt

Output Set: N:\CRF4\11102003\J696255.raw

258 Asp Glu Ala Pro Arg Met Pro Glu Ala Ala Pro Pro Val Ala Pro
 259 65 70 75
 260 Ala Pro Ala Ala Pro Thr Pro Ala Ala Pro Ala Pro Ala Pro Ser
 261 80 85 90
 262 Trp Pro Leu Ser Ser Ser Val Pro Ser Gln Lys Thr Tyr Gln Gly
 263 95 100 105
 264 Ser Tyr Gly Phe Arg Leu Gly Phe Leu Ser Gly Thr Ala Lys
 E--> 265 110 115 120
 266 Ser Val Thr Cys Thr Met Phe Cys Gln Leu Ala Lys Thr Cys Pro
 E--> 267 125 130 135
 268 Val Gln Leu Trp Val Asp Ser Thr Pro Pro Pro Gly Thr Arg Val
 E--> 269 140 145 150
 270 Arg Ala Met Ala Ile Tyr Lys Gln Ser Gln His Met Thr Glu Val
 E--> 271 155 160 165
 272 Val Arg Arg Cys Pro His His Glu Arg Cys Ser Asp Ser Asp Gly
 E--> 273 170 175 180
 274 Leu Ala Pro Pro Gln His Leu Ile Arg Val Glu Gly Asn Leu Arg
 E--> 275 185 190 195
 276 Val Glu Tyr Leu Asp Asp Arg Asn Thr Phe Arg His Ser Val Val
 E--> 277 200 205 210
 278 Val Pro Tyr Glu Pro Pro Glu Val Gly Ser Asp Cys Thr Thr Ile
 E--> 279 215 220 225
 280 His Tyr Asn Tyr Met Cys Asn Ser Ser Cys Met Gly Gly Met Asn
 E--> 281 230 235 240
 282 Arg Arg Pro Ile Leu Thr Ile Ile Thr Leu Glu Asp Ser Ser Gly
 E--> 283 245 250 255
 284 Asn Leu Leu Gly Arg Asn Ser Phe Glu Val Arg Val Cys Ala Cys
 E--> 285 260 265 270
 286 Pro Gly Arg Asp Arg Arg Thr Glu Glu Glu Asn Leu Arg Lys Lys
 E--> 287 275 280 285
 288 Gly Glu Pro His His Glu Leu Pro Pro Gly Ser Thr Lys Arg Ala
 E--> 289 290 295 300
 290 Leu Pro Asn Asn Thr Ser Ser Ser Pro Gln Pro Lys Lys Lys Pro
 E--> 291 305 310 315
 292 Leu Asp Gly Glu Tyr Phe Thr Leu Gln Ile Arg Gly Arg Glu Arg
 E--> 293 320 325 330
 294 Phe Glu Met Phe Arg Glu Leu Asn Glu Ala Leu Glu Leu Lys Asp
 E--> 295 335 340 345
 296 Ala Gln Ala Gly Lys Glu Pro Gly Gly Ser Arg Ala His Ser
 E--> 297 350 355 359

Amino Acid
 Missing

VERIFICATION SUMMARY

PATENT APPLICATION: **US/10/696,255**

DATE: 11/10/2003

TIME: 10:43:00

Input Set : **A:\D6454CIPSEQ.txt**

Output Set: **N:\CRF4\11102003\J696255.raw**

L:10 M:270 C: Current Application Number differs, Replaced Application Number
L:199 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:7
M:332 Repeated in SeqNo=7
L:237 M:252 E: No. of Seq. differs, <211> LENGTH:Input:393 Found:392 SEQ:7
L:265 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:8
M:332 Repeated in SeqNo=8
L:297 M:252 E: No. of Seq. differs, <211> LENGTH:Input:359 Found:358 SEQ:8